TRANSKRIP / ACADEMIC TRANSCRIPT

FAKULTAS
TEKNOLOGI INDUSTRI

FACULTY OF
INDUSTRIAL TECHNOLOGY

Jurusan / Department	: Teknik Elektro / Electrical Engineering
Nama / Name	: Gilang Wilfanur
NRP / ID No	: 2205100181
Tempat, Tgl Lahir / Place, date of birth	: Pekanbaru 4 November 1987
Gelar / Degree	: Sarjana Teknik (S.T.)

Indeks Prestasi / GPA	: 3.16
Tahun Masuk / Entrance Year	: 2005
Tahun Lulus / Graduation Year	: 2010
Lama Studi / Length of Study	: 9 semester
Predikat / Predicate	: Sangat Memuaskan / Very Satisfactory

No	Kode Code	Mata Kuliah Subject	Sem	Kr Cr	Nilai Grade
1	RE1210	Pengantar Teknik Elektro *Introduction to Electrical Engr.*	1	2	AB
2	RE1211	Pengantar Sistem Telekomunikasi *Introduction to Telecommunication System*	1	2	A
3	RE1213	Praktikum Pemrograman Komputer *Computer Programming Experiment*	1	1	BC
4	RE1310	Pemrograman Komputer *Computer and Programming*	1	2	AB
5	RE1319	Aljabar Vektor & Kompleks *Vector and Complex Algebra*	1	3	AB
6	UF1201	Fisika Dasar I *Basic Physics I*	1	3	A
7	UG1201	Bahasa Inggris *English*	1	2	A
8	UM1201	Kalkulus I *Calculus I*	1	3	A
9	RE1225	Probabilitas Dan Statistik *Probability and Statistics*	2	2	AB
10	RE1320	Rangkaian Listrik I *Electric Circuit I*	2	3	AB
11	RE1321	Praktikum Pengantar Sistem Telekomunikasi *Introduction to Telecom. System Lab.*	2	1	B
12	RE1322	Rangkaian Logika *Logic Circuit*	2	3	BC
13	RE1323	Pengukuran Besaran Listrik *Electrical Measurement*	2	2	AB
14	RE1324	Praktikum Pengukuran Listrik *Electric Measurement lab.*	2	1	B
15	UF1202	Fisika Dasar II *Basic Physics II*	2	3	AB
16	UM1202	Kalkulus II *Calculus II*	2	3	AB
17	RE1236	Praktikum Fisika Dasar II *Basic Physics Lab.II*	3	1	B
18	RE1330	Dasar Elektronika *Basic Electronics*	3	3	C
19	RE1331	Rangkaian Listrik II *Electric Circuit II*	3	2	B
20	RE1332	Matematika Teknik I *Engineering Mathematic I*	3	3	A
21	RE1333	Praktikum Rangkaian Logika *Logic Circuit Lab.*	3	1	B
22	RE1334	Konversi Tenaga Listrik I *Electrics Power Conversion I*	3	2	BC
23	RE1335	Medan Elektromagnetik I *Electromagnetics I*	3	3	B
24	RE1336	Sistem Linier *Liniear System*	3	3	B
25	RE1337	Metode Numerik *Numerical Methods*	3	2	AB
26	RE1340	Sistem Pengaturan I *Control System I*	4	3	B
27	RE1341	Rangkaian Elektronika *Electronic Circuits*	4	3	BC
28	RE1342	Praktikum Rangkaian Listrik *Electric Circuit Lab.*	4	1	AB
29	RE1343	Matematika Teknik II *Engineering Mathematic II*	4	3	BC
30	RE1344	Komunikasi Data *Data Communication*	4	2	A
31	RE1345	Konversi Tenega Listrik II *Electrics Power Conversion II*	4	2	BC
32	RE1346	Medan Elektromagnetik II *Electromagnetics II*	4	2	C
33	RE1347	Arsitektur Sistem Komputer *Computer System Architecture*	4	2	C
34	RE1348	Teknik Komputasi *Computation Engineering*	4	2	AB
35	RE1350	Proses Stokastik *Stochastics Processes*	5	2	AB
36	RE1351	Sistem Pengaturan II *Control System II*	5	2	AB
37	RE1352	Praktikum Elektronika *Electronics Lab.*	5	1	B
38	RE1353	Rangkaian Op-Amp *Op-Amp Circuit*	5	3	C
39	RE1354	Pengolahan Sinyal Digital *Digital Signal Processing*	5	2	C
40	RE1355	Sistem Mikroprosesor *Microprocessor System*	5	3	B
41	RE1356	Praktikum Konversi Tenaga Listrik *Electrics Power Conversion Lab.*	5	1	AB
42	RE1400	Analisis Sistem Tenaga I *Power System Analysis I*	5	2	C
43	RE1402	Mesin Arus Bolak-balik I *AC Machine I*	5	2	BC
44	RE1407	Teknik Tegangan Tinggi *High Voltage Engineering*	5	2	BC
45	RE1291	Kerja Praktek I *Field Practice I*	6	1	A
46	RE1362	Praktikum Sistem Pengaturan *Control System Lab.*	6	1	AB
47	RE1401	Analisis Sistem Tenaga II *Power System Analysis II*	6	3	AB
48	RE1403	Mesin Arus Bolak-balik II *AC Machine II*	6	2	BC
49	RE1405	Elektronika Daya *Power Electronic*	6	2	BC
50	RE1408	Komputasi Cerdas *Intelligent Computing*	6	2	BC
51	RE1409	Pembangkit Tenaga Listrik *Electrics Power Generator*	6	2	B
52	RE1501	Perlengkapan Pusat Pembangkit Listrik *Power Generation Equipment*	6	2	AB
53	RE1502	Instalasi Tenaga Listrik *Electrics Power Instalation*	6	2	AB
54	RE1503	Manajemen Energi Listrik *Electrical Energy Managemnet*	6	2	AB
55	RE1518	Praktikum Teknik Tegangan Tinggi *High Voltage Engineering Lab*	6	1	AB
56	UG1202	Pengantar Ilmu Lingkungan *Introduction to Enviromental Science*	6	2	AB
57	RE1404	Praktikum Mesin Arus Bolak-balik *Alternating Current Machines Lab.*	7	1	AB
58	RE1406	Praktikum Elektronika Daya *Power Electronic Lab.*	7	1	AB
59	RE1414	Sistem Pengaman Tenaga Listrik *Electrics Power Security System*	7	2	B
60	RE1415	Sistem Kelistrikan Industri *Industrial Electrical System*	7	2	BC
61	RE1416	Penggunaan Motor Listrik *Electric Motor Application*	7	2	B
62	RE1417	Peningkatan Kualitas Daya Listrik *Power Quality Improvements*	7	2	AB
63	RE1516	Peralatan Tegangan Tinggi *High Voltage Equipment*	7	2	AB
64	UG1306	Kewarganegaraan *Civics*	7	2	A
65	UG1307	Bahasa Indonesia *Indonesian*	7	2	A
66	TE091399	Tugas Akhir *Final Project*	8	4	A
67	UG1301	Agama Islam *Religion*	8	2	A
68	UG1308	Bahasa Inggris Lanjut *Advanced English*	8	2	BC
69	UR1201	Tekno Ekonomi *Engineering Economics*	8	2	B
		Jumlah Kredit / *Total of Credits*	144		

Catatan Nilai / *Grade Explanation* :	
A	: Istimewa / Excellent
AB	: Baik Sekali / Very Good
B	: Baik / Good
BC	: Cukup Baik / Sufficient
C	: Cukup / Fair
D	: Kurang / Poor
E	: Kurang Sekali / Very Poor

Tugas Akhir / *Final Project*

Studi Pengurangan Arus Inrush Akibat Energizing Pada Transformator Daya Gardu Induk Krian 500 Kv Menggunakan Metode Sequential Phase Energization (SPE)
Study of Inrush Current Reduction as Result of Energizing at Power Transformer 500 Kv Krian Substati on Using Sequential Phase Energization (SPE) Method

Pembimbing / *Advisor* : I Gusti Ngurah Satriyadi Hernanda, ST.,MT.
Dr.I Made Yulistya Negara, S.T.,MSc.

Surabaya, 18 Februari 2010
Dekan / *Dean*,

Prof. Dr. Ir. Sulistijono, DEA.
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Tandatangan Digital